

United States Government

Department of Energy


Richland Operations Office

# memorandum

DATE: FEB 04 2004  
REPLY TO: RCA:PFXD/04-RCA-0076  
ATTN OF:  
SUBJECT: ANNUAL NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PLANNING SUMMARY

TO: Beverly A. Cook, Assistant Secretary  
for Environment, Safety and Health  
EH-1, HQ

The Annual NEPA Planning Summary for the DOE Hanford Site as required by DOE Order 451.1B change 1 is attached. The planning summary includes information on the DOE Richland Operations Office, DOE Office of River Protection, and the Pacific Northwest Site Office. This will be made available to the public as required. If you have any questions on the summary, please call us, or your staff may call the Hanford NEPA Compliance Officer, Paul F. X. Dunigan, Jr., on (509) 376-6667.

  
Keith A. Klein, Manager  
Richland Operations Office

  
Roy J. Schepens, Manager  
Office of River Protection

Attachment

cc w/attach:  
C. M. Borgstrom, EH-42  
S. A. Frank, EM-20  
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FEB 19 2004

**ANNUAL NATIONAL ENVIRONMENTAL POLICY ACT PLANNING SUMMARY**

**U. S. DEPARTMENT OF ENERGY  
HANFORD SITE**

**JANUARY 2004**

Richland Operations Office,  
Pacific Northwest Site Office,  
and  
Office of River Protection  
Richland, Washington 99352

## Introduction

This Annual National Environmental Policy Act (NEPA) Planning Summary for the Hanford Site has been prepared to fulfill requirements in DOE O 231.1 and 451.1B. The Summary briefly describes the status of ongoing Hanford NEPA compliance activities and any environmental assessments expected to be required in the next 12 months or environmental impact statements expected to be required in the next 24 months, and, where available, the schedule for completion and estimated cost of each NEPA review identified. In addition, the summary includes information on environmental assessments and environmental impact statements that were completed during Calendar Year 2003.

Every third year, starting with the first annual report in January 1995, the Summary is to include an evaluation of whether a site-wide environmental impact statement would facilitate future NEPA compliance efforts at the Hanford Site. This evaluation was first included in the 1995 Summary, and updated in the 1998 and the 2001 summaries.

This Summary has four sections:

- 1) Site-wide environmental impact statement evaluation;
- 2) Environmental impact statements in process or projected;
- 3) Environmental assessments in process or projected; and
- 4) Environmental impact statements and environmental assessments completed in Calendar Year 2003.

Any questions or comments on this Summary should be directed to:

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## Abbreviations Used in this Summary

DOE	U.S. Department of Energy
EA	Environmental Assessment
EIS	Environmental Impact Statement
EO	Environmental Objection
EPA	U.S. Environmental Protection Agency
FONSI	Finding of No Significant Impact
NEPA	National Environmental Policy Act
NOA	Notice of Availability
NOI	Notice of Intent
ORP	U.S. Department of Energy, Office of River Protection
PNSO	U.S. Department of Energy, Pacific Northwest Site Office
ROD	Record of Decision
RL	U.S. Department of Energy, Richland Operations Office
SA	Supplement Analysis
SEIS	Supplemental Environmental Impact Statement
TBD	To Be Determined

## 1. SITE-WIDE ENVIRONMENTAL IMPACT STATEMENT EVALUATION

A site-wide environmental impact statement for the Hanford Site may be useful to facilitate future NEPA compliance efforts, and integrate environmental impact evaluations for the three DOE offices at the Hanford Site. However, since the Hanford Site has been identified as a "closure site" and the major cleanup activities are or will be covered by existing or planned environmental impact statements, or by CERCLA documents, it is not clear that a Hanford site-wide environmental impact statement would be of major assistance. In any case, initiation of a site-wide environmental impact statement should not occur sooner than FY 2008 when the environmental impact statements that are currently underway or scheduled have been completed, and results from scheduled CERCLA/RCRA facility investigations under the Hanford Tri-Party Agreement would be available.

## 2. ENVIRONMENTAL IMPACT STATEMENTS IN PROCESS OR PROJECTED:

### I. Richland Operations Office

#### Assistant Secretary for Environmental Management

Hanford Site Solid (Radioactive and Hazardous) Waste Program Environmental Impact Statement, Hanford Site, Richland, Washington DOE/EIS-0286

Description: The Hanford Site Solid (Radioactive and Hazardous) Waste Program Environmental Impact Statement is evaluating reasonable treatment, storage and disposal options to accomplish the Solid Waste Program mission including Hanford Site actions resulting from the Final Waste Management Programmatic Environmental Impact Statement Records of Decision; and updating NEPA coverage for ongoing Solid Waste Program activities. The public scoping period closed January 30, 1998. In response to comments received on the first draft EIS, a revised draft was prepared incorporating the scope of the Supplemental EIS on Disposal of Immobilized Low Activity Waste DOE/EIS-0189S-1 The Yakama Nation and Hanford Communities were initially cooperating agencies in the preparation of this EIS.

Schedule: NOI: October 27, 1997  
Public Scoping Meetings: November 12 and 13, 1997  
First Draft EIS: April 2002 (NOA in May 24, 2002 Federal Register)  
Public Hearings: July - August 2002  
Revised Draft EIS: March 2003 (NOA in May 30, 2003 Federal Register)  
Public Hearings: May 2003  
Final EIS: January 22, 2004 (Federal Register NOA forecast February 13, 2004)  
ROD: forecast March 2004

EPA Rating: First Draft EIS: EO-2  
Revised Draft EIS: EC-2

Estimated Cost: \$ 9 M

Final Disposition of the Fast Flux Test Facility (FFTF), Hanford Site, Richland, Washington DOE/EIS-0364

Description: The Final Disposition of the FFTF EIS will evaluate reasonable alternatives for decommissioning and demolition of the deactivated FFTF.

Schedule: EIS Determination: July 8, 2003  
Advance NOI: forecast April 2004  
NOI: forecast October 2004  
Public Scoping Meetings: forecast November 2004  
Draft EIS: forecast April 2005  
Public Hearings: forecast April-May 2005  
Final EIS: forecast November 2005  
ROD: forecast December 2005

EPA Rating: TBD  
Estimated Cost: \$ 2 Million

Comprehensive Conservation Plan and EIS for the Hanford Reach National Monument/Saddle Mountain National Wildlife Refuge

Description: U.S. Fish and Wildlife Service (Service) is the lead agency for this plan/EIS. As co-manager of the Monument, DOE-RL is a Cooperating Agency. The Service will seek input from the public and from a Federal Advisory Committee that is chartered to assist with developing the plan. Committee membership includes Tribal, State and local government, scientific, local economic, local K-12 education, environmental conservation, utilities, outdoor recreation, tourism and public-at-large representation. The EIS will evaluate management alternatives for the Monument/National Wildlife Refuge.

Schedule: NOI: June 12, 2002  
Public Scoping Meetings: August-September 2002  
Draft EIS: forecast December 2004  
Public Hearings: forecast January 2005  
Final EIS: forecast May 2005  
ROD: forecast September 2005

EPA Rating: TBD  
Estimated Cost: \$ TBD

Supplement Analysis on Waste Retrieval from the 218-E-12B, 218-W-3A, 218-W-4B, and 218-W-4C Low-Level Burial Grounds, 200 Areas, Hanford Site DOE/EIS-0113-SA-4

Description: This SA considers whether the potential environmental impacts of the proposed plan to treat Low-Level Waste retrieved during retrieval of suspect-transuranic waste as mixed low-level are bounded by the analyses and ROD of the Final EIS on Disposal of Hanford Defense High-Level, Transuranic and Tank Wastes (DOE/EIS-0113).

Schedule: SA Approval: forecast February 2004

Conclusion: TBD

Estimated Cost: \$ TBD

## II. Office of River Protection

### Assistant Secretary for Environmental Management

#### Environmental Impact Statement on Retrieval, Treatment and Disposal of Tank Waste and Closure of Single-Shell Tanks at the Hanford Site, Richland, Washington DOE/EIS-0356

Description: This EIS considers the impacts of the proposed retrieval, treatment, and disposal of the waste being managed in the high-level waste tank farms at the Hanford Site near Richland, Washington, and closure of the 149 single-shell tanks and associated facilities in the tank farms. The Washington State Department of Ecology is a Cooperating Agency in the preparation of this EIS.

Schedule: NOI: January 8, 2003  
Public Scoping Meetings: Scheduled February 5 - 20, 2003  
Draft EIS: forecast March 2004  
Public Hearings: forecast April 2004  
Final EIS: forecast September 2004  
ROD: forecast October 2004

EPA Rating: TBD

Estimated Cost: \$ 6 Million

#### Supplement Analysis for Hanford Tank Farm Contact Handled Transuranic Mixed Waste Treatment, Packaging, and Storage DOE/EIS-0189-SA4

Description: This SA considers a proposed action to retrieve, package, characterize, certify and temporarily store contact handled transuranic mixed waste from single-shell tanks at the Hanford Site.

Schedule: SA Approved: December 15, 2003  
Conclusion: Amended Record of Decision needed.  
Amended ROD Approved: TBD

Estimated Cost: \$ 250,000

## III. Pacific Northwest Site Office

### Office of Science

None identified.

## 3. ENVIRONMENTAL ASSESSMENTS IN PROCESS OR PROJECTED:



**I. Richland Operations Office**

**Assistant Secretary for Environmental Management**

Potential EA on Composite Power Corporation Proposal for Industrial Development at the WNP-1 and WNP-4 Sites, Hanford Site

Description: The proposed action would be to implement a private proposal to develop the WNP-1 and WNP-4 sites for energy generation and manufacturing. No EA determination has been made or schedule developed.

**II. Office of River Protection**

**Assistant Secretary for Environmental Management**

None identified.

**III. Pacific Northwest Site Office**

**Office of Science**

Potential EA on Proposed Pacific Northwest National Laboratory (PNNL) Office of Science Replacement Facilities

Description: This proposed action would replace 300 Area facilities occupied by PNNL that are being removed over the next several years as part of the Hanford Site cleanup. No EA determination has been made or schedule developed.

**4. ENVIRONMENTAL IMPACT STATEMENTS, SUPPLEMENT ANALYSES AND ENVIRONMENTAL**

ASSESSMENTS CANCELLED OR COMPLETED DURING CALENDAR YEAR 2003

A. ENVIRONMENTAL IMPACT STATEMENTS

None completed in 2003.

B. SUPPLEMENT ANALYSES

Richland Operations Office

Supplement Analysis on Washing of Impure Plutonium-Bearing-Materials  
Containing Chloride Salts at the Plutonium Finishing Plant (PFP), 200 West  
Area, Hanford Site DOE/EIS-0244-SA10

Description: This Supplement Analysis considered whether the proposed removal of chloride salts from plutonium-bearing-materials being stabilized at PFP was bounded by the analyses and ROD for the Plutonium Finishing Plant Stabilization EIS (DOE/EIS-0244).

Schedule: SA Approval: April 7, 2003  
Conclusion: No further NEPA review required.

Estimated Cost: \$ 15,000.

C. ENVIRONMENTAL ASSESSMENTS

Richland Operations Office

Reactivation and Use of Three Former Borrow Sites in the 100-F, 100-H and  
100-N Areas, Hanford Site DOE/EA-1454

Description: The proposed action was to reopen former borrow sites and construct haul roads in the 100 Areas of the Hanford Site to provide backfill materials for remedial actions in the 100-F, 100-H, 100-K and 100-N Areas.

Schedule: EA Determination: September 23, 2002  
Transmittal to State/Tribes: December 18, 2002  
EA Approved: March 7, 2003 FONSI  
EA Distributed: March 2003

Estimated Cost: \$ 50,000.

Deactivation of the Plutonium Finishing Plant, Hanford Site DOE/EA-1469

Description: The proposed action was to deactivate the Plutonium Finishing Plant in the 200 West Area in preparation for eventual disposition of the facility.

Schedule: EA Determination: January 27, 2003  
Transmittal to State/Tribes: June 10, 2003  
EA Approved: October 20, 2003 FONSI  
EA Distributed: November 2003

Estimated Cost: \$ 29,000.

Office of River Protection

Accelerated Tank Closure Demonstration Project, Hanford Site DOE/EA-1462

Description: The proposed action was to demonstrate tank closure activities on single-shell tank 241-C-106 in the Hanford 200 East Area.

Schedule: EA Determination: November 27, 2002  
Transmitted to States/Tribes: January 13, 2003  
EA Approved: June, 16, 2003 FONSI  
EA Distributed: June & July 2003.

Estimated Cost: \$ 91,000.

In addition, the following EAs identified in the 2003 Hanford Annual NEPA Planning Summary will not be proceeded with at this time:

- Potential EA on TRU Waste Accelerated Process Line in the Central Waste Complex, 200 West Area, Hanford Site.
- Potential EA on Transportation and Treatment of Hanford Mixed Low-Level Waste at Oak Ridge, Tennessee
- Potential EA on Suspect Mixed Low-Level Waste Retrieval from 218-W-4b and 218-W-4C Low-Level Burial Grounds, Hanford Site
- Potential EA on Storage of Materials in Existing Grout Vaults, 200 East Area, Hanford Site
- Construction and Operation of Three Trenches in 218-W-3AE and 218-W-5 Low-Level Burial Grounds, Hanford Site, Richland, Washington DOE/EA-1373